



PATENT
P57019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TAE-MIN KANG *et al.*

Serial No.: 10/803,143

Examiner: PATEL, ASHOK

Filed: 18 March 2004

Art Unit: 2879

For: ORGANIC ELECTRO LUMINESCENT DISPLAY AND METHOD FOR
FABRICATING THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references. Under 37 C.F.R. §1.98(a)(2) however, copies of U.S. patent reference(s) are not provided.

FOREIGN PATENT REFERENCE(S):

- Korean Patent Publication No. 1020030027305 to Jung *et al.*, entitled *DEVICE FOR IRRADIATING ULTRAVIOLET RAYS FOR LIQUID CRYSTAL DISPLAY DEVICE*, published on 7 April 2003; and

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Date: 1/17/07
I.D.: REB/ny

- Japanese Patent Publication No. 2000-352717 to Sugimoto *et al.*, entitled *LIQUID CRYSTAL DISPLAY PANEL AND ITS PRODUCTION*, published on 19 December 2000.

OTHER DOCUMENT:

- *Office Action* from the Korean Intellectual Property Office issued in Applicant's corresponding Korean Patent Application No. 10-2003-0040808 dated 31 March 2005.

DISCUSSION

Jung *et al.* KR'305 discloses that a sealant(150) prevents liquid crystal material of a liquid crystal layer(300) from flowing out and regularly maintains an interval between two substrates(100,200). An ultraviolet ray emitting lamp(510) generates ultraviolet rays to irradiate the ultraviolet rays to the sealant. A support stand(520) supports any one of the two substrates in hardening the sealant. A reflective plate(530) is formed on the support stand to reflect the irradiated ultraviolet rays in various directions to induce the ultraviolet rays to the sealant.

Sugimoto *et al.* JP'717 discloses that the substrate on the incident side for a UV ray light source 10 transmits UV rays in the UV irradiation region 11 near the main seal pattern, while a

reflection layer 4 is formed to cover the main seal pattern on a TFT substrate 2a on the opposite side to the incident side for the UV ray light source 10. In the process of laminating the counter substrate 2b and the TFT substrate 2a, UV rays pass through the counter substrate 2b and enter the seal pattern to contribute to hardening of the UV-curing sealing material 3. Moreover, the UV rays reaching the TFT substrate 2a are reflected by the reflection layer 4 to contribute to hardening of seal pattern. Therefore, the process of main sealing can be efficiently performed.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Based upon the timeliness under 37 CFR §1.97(e)(1) of this filing of the Information Disclosure Statement and the Patent references from Japan and Korea cited in Korean Office action issued on the 31st of March 2005, together with Applicant's Request for Continued Examination under 37 CFR §1.114(a)(1), no fee pursuant to 37 C.F.R. §1.97(d)(2) and 37 C.F.R. §1.17(e) is believed to be due; should this fee be due however, the Director is authorized to charge Deposit Account No. 02-4943 and to so notify Applicant's undersigned attorney.

Respectfully submitted,

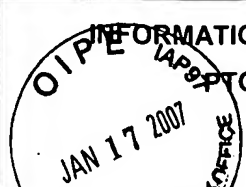
A handwritten signature in black ink, appearing to read 'R. E. Bushnell', written over a horizontal line.

Robert E. Bushnell

Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300
Washington, D.C. 20005
Area Code: (202) 408-9040

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 INFORMATION DISCLOSURE STATEMENT PTO-1449 (PAGE 1 OF 1)	SERIAL NUMBER 10/803,143	DOCKET NO. P57019
	APPLICANT TAE-MIN KANG <i>et al.</i>	
	FILING DATE 18 March 2004	GROUP 2879

U.S. PATENT DOCUMENTS							
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS						TRANSLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	KR 1020030027305	4/07/2003	Republic of Korea			Abstract	
	JP 2000-352717	12/19/2000	JAPAN			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	Office Action from the Korean Intellectual Property Office issued in Applicant's corresponding Korean Patent Application No. 10-2003-0040808 dated 31 March 2005						
EXAMINER:				DATE CONSIDERED:			
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							